

California Energy Commission



CLASSIFICATION: Electric Transmission System Program Specialist I

TENURE: Permanent

TIME BASE: Full Time

SALARY: \$7,192 - \$8,735
(Salary will be adjusted to comply with the State's furlough program.)

LOCATION: Electricity Supply Analysis Division, Electricity Analysis Office
Sacramento

FINAL FILING DATE: JULY 12, 2010

The Energy Commission's Electricity Supply Analysis Division's mission is to conduct assessments of California's electricity and natural gas systems and trends, providing information for decision-makers and the public resulting in policies that balance the need for adequate resources with economic, public health, safety, and environmental goals. The division's emphasis is on building staff capabilities in the latest modeling and analytical techniques.

The Electricity Analysis Office provides critical information and independent, objective analyses of the electricity and natural gas markets, electric and natural gas systems operations, and electric, natural gas and environmental resource issues through energy data collection, analysis and reporting on energy trends, prices, technical modeling, and recommendations to improve functions of electricity and natural gas systems and markets and promote sound public policy.

DUTIES/RESPONSIBILITIES:

The incumbent will perform analytical and consultative assignments in the field of electric transmission and generation system analysis, planning and regulation. These assignments will be varied, complex, responsible, and technical, including engineering and economic studies of electric transmission projects, the requirements to integrate new generation projects into the system, mitigation options to address local area transmission stability concerns and infrastructure requirements to maintain system reliability. The operation and development of the transmission system is integrally tied to both customer demand and to the operation of generators for integrated resource planning studies. The incumbent will be expected to have sufficient knowledge of state energy policy and goals, the California Public Resources Code, and the field of integrated resource planning to participate in the design and performance of analysis related to the integrated development of California's electricity sector. The incumbent will be required to work in a team environment as a leader, subject-matter expert, or technical-support participant. As a team leader on large projects, the incumbent may coordinate the efforts of various governmental agencies. The incumbent must work well with people, exercise good listening, memory, and problem-solving skills.

More specifically, duties include:

(OVER)

RPA #800-533

Pos #8000-4860-001

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- Conducting assessments of the implications of the development of specific bulk transmission projects, both planned and conceptual, for the integration of new renewable resources, the need for local capacity in transmission-constrained areas, and the ability to import energy from and rely upon generation capacity in neighboring states. Conversely, conduct and evaluate assessments of the bulk transmission needed to meet the state's environmental policy goals and ensure reliable service under different scenarios regarding future load-growth, impacts of demand-side programs (energy efficiency, demand response) and renewable and fossil generation resource development.
- Assisting the development and performance of integrated resource planning assessments by technical staff: provide recommendations to technical staff on the development and representation of transmission infrastructure in the context of the quantitative modeling and evaluation of California's energy sector. These include cost estimates for the development of transmission infrastructure, the likelihood and timing of specific transmission additions, the transfer capacity of new transmission lines, both proposed and conceptual, and the effect of new lines on the ability to import power and rely upon capacity in neighboring states.
- Compiling and analyzing information from public data sources including quantitative and qualitative data and public forums in which stakeholders participate, including but not limited to the California ISO's annual Transmission Planning Process, the California Transmission Planning Group, the Renewable Energy Transmission Initiative, rulemakings and investigations at the CPUC, and regional organizations (e.g., WestConnect). Monitor the development and permitting of proposed projects and deployment of new technologies.

DESIRABLE EXPERIENCE/QUALIFICATIONS: The successful applicant should have:

- Excellent interpersonal and team leadership skills.
- Successfully work within a larger team environment.
- Ability to communicate complicated information in a simple, consumer friendly manner.
- Ability to coordinate interdisciplinary projects.
- Ability to effectively write and edit technical program information.

WHO MAY APPLY: All interested eligible persons are encouraged to apply. Applicants must have existing State service transfer, employment list, reinstatement, or SROA/Surplus eligibility. Please indicate the specific basis of your eligibility for this classification on the state application form, STD. 678.

INTERESTED APPLICANTS SHOULD SUBMIT A COMPLETED STANDARD STATE APPLICATION (FORM STD. 678) TO:

Janet Gregory– RPA 810-533
 California Energy Commission
 Personnel Office
 1516 9th Street, MS-3
 Sacramento, CA 95814
 (916) 654-4311

California Relay (Telephone) Service
 for the Deaf or Hearing-Impaired
 From TDD Phones: 1-800-735-2929
 From Voice Phones: 1-800-735-2922